

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|------------------------------|------------------|---------|------------------|
| L1 | 7 | ((frame or bit) near (synchroni\$6 or sync)) with ((noise or artifact) near2 remov\$3) | US-PGPUB; USPAT | OR | ON | 2006/03/27 18:51 |
| S1 | 1 | "5944574".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/27 13:07 |
| S2 | 2 | ((("6040870") or ("5808689"))).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/09/26 10:02 |
| S3 | 1 | "6040870".URPN. | USPAT | OR | ON | 2003/09/26 10:03 |
| S4 | 33 | ("3423520" "3825674" "3849594" "3857998" "3902007" "3916092" "4156253" "4191969" "4233627" "4295223" "4318125" "4429332" "4535356" "4542406" "4618889" "4652919" "4656512" "4665431" "4780757" "4780758" "4783699" "4786967" "4807031" "4816905" "4851909" "4855827" "4983967" "5061988" "5075773" "5091936" "5278649" "5309235" "5808689"). PN. | USPAT | OR | ON | 2003/09/26 10:04 |
| S5 | 33 | ("3423520" "3825674" "3849594" "3857998" "3902007" "3916092" "4156253" "4191969" "4233627" "4295223" "4318125" "4429332" "4535356" "4542406" "4618889" "4652919" "4656512" "4665431" "4780757" "4780758" "4783699" "4786967" "4807031" "4816905" "4851909" "4855827" "4983967" "5061988" "5075773" "5091936" "5278649" "5309235" "5808689"). PN. | USPAT | OR | ON | 2003/09/26 10:24 |
| S6 | 10 | "5808689".URPN. | USPAT | OR | ON | 2003/09/26 10:40 |
| S7 | 13 | ("3857998" "3902007" "3916092" "4191969" "4295223" "4535356" "4665431" "4786967" "4807031" "4855827" "5061998" "5278649" "5309235").PN. | USPAT | OR | ON | 2003/09/26 11:05 |
| S8 | 1 | ("5557334").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2003/09/26 13:20 |
| S9 | 1 | "5557333".pn. | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:23 |
| S10 | 51 | "5557333".URPN. | USPAT | OR | ON | 2003/09/26 13:20 |
| S11 | 1 | "5557333".pn. and "348"/\$.ccls. | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:24 |

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|-----|-----|--|---|----|----|------------------|
| S12 | 76 | 348/473.ccls. and interleav\$3 | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:25 |
| S13 | 57 | (348/473.ccls. and interleav\$3) and modulat\$3 | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:26 |
| S14 | 51 | ((348/473.ccls. and interleav\$3) and modulat\$3) and sync\$11 | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:26 |
| S15 | 49 | ((((348/473.ccls. and interleav\$3) and modulat\$3) and sync\$11) and (encod\$3 or cod\$3) | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:26 |
| S16 | 42 | (((((348/473.ccls. and interleav\$3) and modulat\$3) and sync\$11) and (encod\$3 or cod\$3)) and decod\$3 | US-PGPUB; USPAT | OR | ON | 2003/09/26 13:43 |
| S17 | 548 | interleaver with modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 13:44 |
| S18 | 9 | (interleaver with modulator) with sync\$11 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 16:21 |
| S19 | 0 | "5581361".URPN. | USPAT | OR | ON | 2003/09/26 14:15 |
| S20 | 3 | ("4811123" "5289322" "5291282"). PN. | USPAT | OR | ON | 2003/09/26 14:15 |
| S21 | 243 | 348/461.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 14:42 |
| S22 | 93 | 348/461.ccls. and modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 14:42 |
| S23 | 10 | (348/461.ccls. and modulat\$3) and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 14:42 |
| S24 | 517 | 386/124.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 16:21 |
| S25 | 408 | 386/124.ccls. and (encod\$3 or cod\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 16:22 |
| S26 | 201 | (386/124.ccls. and (encod\$3 or cod\$3)) and modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 16:22 |

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|-----|------|---|---|----|----|------------------|
| S27 | 61 | ((386/124.ccls. and (encod\$3 or cod\$3)) and modulat\$3) and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:27 |
| S28 | 1 | ((video near decod\$3) with stream) same (line near (separat\$3 or restor\$5)) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S29 | 2281 | ((video near decod\$3) with stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:30 |
| S30 | 1060 | ((video near decod\$3) with stream)) and extract\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S31 | 865 | ((video near decod\$3) with stream)) and extract\$3) and separat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S32 | 625 | ((video near decod\$3) with stream)) and extract\$3) and separat\$3) and (data near stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S33 | 1 | ((video near decod\$3) with stream) same (line near separat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S34 | 175 | ((video near decod\$3) with stream) same line | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S35 | 95 | ((video near decod\$3) with stream) same line) and extract\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 17:31 |
| S36 | 86 | ((video near decod\$3) with stream) same line) and extract\$3) and separat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/26 19:07 |
| S37 | 25 | (content adj data) with interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 10:54 |
| S38 | 23 | 348/726.ccls. and (decoder with demodulator) | USPAT | OR | ON | 2003/09/27 11:50 |

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|-----|----------|---|---|----|----|------------------|
| S39 | 329 | (separat\$3 with restor\$5) same decod\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 11:51 |
| S40 | 17 | ((separat\$3 with restor\$5) same decod\$3) and (extract\$3 near data) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 12:48 |
| S41 | 53 | decod\$3 with (DC near2 restor\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:09 |
| S42 | 17 | (extract\$3 near2 (content adj data)) same stream | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:14 |
| S43 | 1 | (extract\$3 near2 (content adj data)) same (video adj stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:15 |
| S44 | 2 | (extract\$3 near2 (content adj data)) same (video adj2 stream) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:16 |
| S45 | 13675 | decod\$3 with extract\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:17 |
| S46 | 2092 | (decod\$3 with extract\$3) with video | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:17 |
| S47 | 531 | ((decod\$3 with extract\$3) with video) with stream | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:18 |
| S48 | 1196 | ((decod\$3 with extract\$3) with video) with data | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:18 |
| S49 | 282 | ((((decod\$3 with extract\$3) with video) with stream) with data | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:18 |
| S50 | 19932771 | (((((decod\$3 with extract\$3) with video) with stream) with data) @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:19 |

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|-----|-----|---|---|----|----|------------------|
| S51 | 200 | (((((decod\$3 with extract\$3) with video) with stream) with data) and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 13:58 |
| S52 | 2 | "5907366".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 14:06 |
| S53 | 2 | "6055020".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 14:08 |
| S54 | 3 | ("3576391" "3927250" "3982064").PN. | USPAT | OR | ON | 2003/09/27 14:06 |
| S55 | 2 | "5243423".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 14:20 |
| S56 | 97 | "5243423".URPN. | USPAT | OR | ON | 2003/09/27 14:09 |
| S57 | 2 | "5666170".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 14:53 |
| S58 | 2 | "5737025".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 15:30 |
| S59 | 0 | (video adj process\$3) with (line adj deinterleav\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 15:31 |
| S60 | 2 | (video adj process\$3) with deinterleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT | OR | ON | 2003/09/27 15:31 |
| S61 | 1 | "5737025".pn. | US-PGPUB; USPAT | OR | ON | 2003/09/29 16:55 |
| S62 | 1 | "5581361".pn. | US-PGPUB; USPAT | OR | ON | 2003/09/29 16:55 |
| S63 | 2 | modulation same (video adj2 sych\$11) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:39 |

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| S64 | 7 | modulation and (video adj2 sych\$11) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:39 |
| S65 | 1 | (modulation and (video adj2 sych\$11)) and interleaver | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:38 |
| S66 | 17501 | modulat\$ and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:58 |
| S67 | 4 | (modulat\$ and interleav\$3) and (video near2 sych\$11) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:44 |
| S68 | 243 | (top near5 bottom) same (video near line) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:45 |
| S69 | 66 | ((top near5 bottom) same (video near line)) and (luma or luminance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:45 |
| S70 | 29 | ((((top near5 bottom) same (video near line)) and (luma or luminance)) and modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:46 |
| S71 | 10 | (((((top near5 bottom) same (video near line)) and (luma or luminance)) and modulat\$3) and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:46 |
| S72 | 9164 | (modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near2 (information or data or video)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:59 |
| S73 | 10765 | (modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 16:59 |

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| S74 | 10371 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or (Blanking adj interval)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:00 |
| S75 | 10458 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:32 |
| S76 | 850 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) and modulat\$3 and (luma or luminance) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:02 |
| S77 | 744 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) and modulat\$3 and (luma or luminance)) and sync\$11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:02 |
| S78 | 327 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) and modulat\$3 and (luma or luminance)) and (video near5 sync\$11) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:03 |
| S79 | 106 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) and modulat\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:04 |
| S80 | 85 | ((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")) and modulat\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:32 |

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|-----|----|--|---|----|----|------------------|
| S81 | 1 | (((((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")))) and modulats\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001") and (substitut\$3 or insert\$3) near3 (frame near2 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:23 |
| S82 | 1 | (((((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")))) and modulats\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001") and (substitut\$3 or insert\$3) near10 (frame near2 data) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:23 |
| S83 | 47 | (((((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")))) and modulats\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001") and (substitut\$3 or insert\$3) near3 (video or frame or data information) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:23 |
| S84 | 0 | (((((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")))) and modulats\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001") and (substitut\$3 or insert\$3) near3 (video or frame or data information)) and ((top near4 bottom) same (video adj2 line)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:24 |
| S85 | 19 | (((((modulat\$ and interleav\$3) and ((encod\$3 or cod\$3) near5 (information or data or video))) not (VBI or ("vertical blanking interval")))) and modulats\$3 and (luma or luminance)) and (video near5 sync\$11)) and (video near line) and frame and stream) and @AY<"2001") and (substitut\$3 or insert\$3) near3 (video or frame or data information)) and ((top with bottom) same line) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:31 |

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| S86 | 275 | 348/461.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:40 |
| S87 | 176 | 348/461.ccls. not (VBI or ("vertical blanking interval")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:19 |
| S88 | 131 | (348/461.ccls. not (VBI or ("vertical blanking interval")))) and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |
| S89 | 435 | 348/473.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:16 |
| S90 | 291 | 348/473.ccls. not (VBI or ("vertical blanking interval")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |
| S91 | 243 | (348/473.ccls. not (VBI or ("vertical blanking interval")))) and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 17:41 |
| S92 | 120 | ((348/473.ccls. not (VBI or ("vertical blanking interval")))) and @AY<"2001") and modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |
| S93 | 23 | ((((348/473.ccls. not (VBI or ("vertical blanking interval")))) and @AY<"2001") and modulat\$3) and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:18 |
| S94 | 123 | 348/467.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |
| S95 | 122 | 348/467.ccls. and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |

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| S96 | 78 | (348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:17 |
| S97 | 6 | ((348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval"))) and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:18 |
| S98 | 3 | ((348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval"))) and modulat\$3 and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:18 |
| S99 | 28 | ((348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval"))) and modulat\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:25 |
| S100 | 9 | ((348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval"))) and modulat\$3 and (video near5 line) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:19 |
| S101 | 2 | "5387941".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:28 |
| S102 | 3 | ((348/467.ccls. and @AY<"2001") not (VBI or ("vertical blanking interval"))) and modulat\$3 and (active near5 video) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:50 |
| S103 | 2 | "5737025".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/18 19:50 |
| S104 | 24 | "5737025".URPN. | USPAT | OR | ON | 2004/03/18 19:51 |
| S105 | 20 | ("2982813" "3838444" "3842196" "4025851" "4044376" "4058829" "4216497" "4388644" "4425578" "4547804" "4605958" "4639779" "4805020" "4931871" "4967273" "5243423" "5327237" "5425100" "5481294" "5488408").PN. | USPAT | OR | ON | 2004/03/18 20:03 |

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|----------|------|--|---|----|-----|------------------|
| S10 6 | 2 | "5737026".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:17 |
| S10 7 | 2 | "5629739".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:07 |
| S10 8 | 9 | "5629739".URPN. | USPAT | OR | ON | 2004/03/19 10:57 |
| S10 9 | 14 | "5737026".URPN. | USPAT | OR | ON | 2004/03/19 11:01 |
| S11 0 | 1501 | raster and (embed\$4 near5 (information or data or code)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:18 |
| S11 1 | 1428 | (raster and (embed\$4 near5 (information or data or code))) not (VBI or ("vertical blanking interval")) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:19 |
| S11 2 | 750 | ((raster and (embed\$4 near5 (information or data or code))) not (VBI or ("vertical blanking interval"))) and @AY<"2001" | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:20 |
| S11 3 | 58 | ((((raster and (embed\$4 near5 (information or data or code))) not (VBI or ("vertical blanking interval"))) and @AY<"2001") and "348"/\$.ccls. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 14:32 |
| S11 4 | 2 | "6388713".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/19 16:08 |
| S11 5 | 3 | ((("5061998") or ("5023727") or ("4855827")).PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/03/19 16:09 |
| S11 6 | 2 | "5666170".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:17 |

EAST Search History

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| S11 7 | 16 | decod\$3 same ((line near3 separat\$3) with restor\$5) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:24 |
| S11 8 | 1 | decod\$3 same ((line adj separation) with restoration) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:25 |
| S11 9 | 1 | decod\$3 and ((line adj separation) with restoration) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:25 |
| S12 0 | 1 | ((line adj separation) with restoration) same extract\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:26 |
| S12 1 | 2 | ((line adj separation) with restoration) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:26 |
| S12 2 | 3 | (((line adj5 separation) same restoration)) and (decod\$3 or demodulat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:27 |
| S12 3 | 15 | ((line adj5 separation) same restoration) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/03/21 10:28 |
| S12 4 | 10621 | (encod\$3 or insert\$3) near2 (information or data) near5 video | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 13:17 |
| S12 5 | 112 | S124 same modulat\$3 same sync\$11 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 13:17 |
| S12 6 | 33 | S125 and interleav\$3 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 13:45 |

EAST Search History

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| S12 7 | 5 | S126 and (active near2 (portion or video)) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 14:54 |
| S12 8 | 2461 | interleaver and modulator | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 13:45 |
| S12 9 | 59 | S124 and S128 | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 14:22 |
| S13 0 | 2 | "5737025".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 14:22 |
| S13 1 | 29 | ("5737025").URPN. | USPAT | OR | ON | 2005/01/09 14:22 |
| S13 2 | 2280 | (active near2 (portion or video)) and decoder and (demultiplex\$3 or separat\$3) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 14:55 |
| S13 3 | 48 | (active near2 (portion or video)) same decoder same (demultiplexer or separat\$3 or demultiplexor) | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 15:18 |
| S13 4 | 2 | "5666170".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 15:30 |
| S13 5 | 2 | "5061998".pn. | US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/01/09 15:30 |
| S13 6 | 262 | (extract\$3 adj2 data) and (active adj video) | US-PGPUB; USPAT | OR | ON | 2005/07/05 10:01 |
| S13 7 | 266 | (extract\$3 adj2 data) and (active adj video) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:01 |

EAST Search History

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| S13 8 | 214 | S137 and @ay<"2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:02 |
| S13 9 | 19 | S138 and 348/473.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/05 10:02 |
| S14 0 | 266 | (extract\$3 adj2 data) and (active adj video) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 16:27 |
| S14 1 | 214 | S140 and @ay<"2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 16:27 |
| S14 2 | 19 | S141 and 348/473.ccls. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 16:27 |
| S14 3 | 11 | (extract\$3 adj2 data) same (active adj video) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 16:27 |
| S14 4 | 8 | S143 and @ay<"2002" | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2005/07/08 16:27 |
| S14 5 | 1 | "6246439".pn. | US-PGPUB; USPAT | OR | ON | 2006/03/27 13:21 |
| S14 6 | 31 | restor\$3 near4 (DC adj2 bias) | US-PGPUB; USPAT | OR | ON | 2005/10/27 14:39 |
| S14 7 | 3 | S146 and embed\$4 | US-PGPUB; USPAT | OR | ON | 2005/10/27 13:10 |
| S14 8 | 1 | "4855827".pn. | US-PGPUB; USPAT | OR | ON | 2005/10/27 14:39 |

EAST Search History

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| S14 9 | 137 | ("4318125" "4321623").PN. OR ("4855827").URPN. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/10/27 14:40 |
| S15 0 | 82 | 348/473.ccls. and ("overscan period" or "over scan period" or (active adj (portion or video))) | US-PGPUB; USPAT | OR | ON | 2005/10/27 15:29 |
| S15 1 | 26 | S150 and ((one or a) adj line) | US-PGPUB; USPAT | OR | ON | 2005/10/27 15:28 |
| S15 2 | 5 | 348/473.ccls. and ("overscan period" or "over scan period" or (active adj (portion or video))) same ((one or a) adj line) | US-PGPUB; USPAT | OR | ON | 2005/10/27 15:29 |
| S15 3 | 5 | 348/473.ccls. and (("overscan period" or "over scan period" or (active adj (portion or video))) same ((one or a) adj line)) | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:43 |
| S15 4 | 672 | ((frame or bit) near (synchroni\$6 or sync)) and ((noise or artifact) near2 remov\$3) | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:44 |
| S15 5 | 6 | ((frame or bit) near (synchroni\$6 or sync)) with ((noise or artifact) near2 remov\$3) | US-PGPUB; USPAT | OR | ON | 2005/10/29 13:44 |
| S15 6 | 1 | "6295093".pn. | US-PGPUB; USPAT | OR | ON | 2006/03/27 15:14 |
| S15 7 | 1 | (deinterleav\$3 same dc adj restor\$5) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:15 |
| S15 8 | 1 | (deinterleav\$3 same (dc adj restor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:16 |
| S15 9 | 12 | (interleav\$3 same (DC adj restor\$5)) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2006/03/27 15:16 |